



**PHENIX  
SOUTH MUON MAGNET GAS LINE  
DISCONNECT PROCEDURE**

---

procedure name

**PHENIX Procedure No. PP-2.5.5.2-03**

**Revision: A**

**Date: 3/30/207**

**Hand Processed Changes**

<b><u>HPC No.</u></b>	<b><u>Date</u></b>	<b><u>Page Nos.</u></b>	<b><u>Initials</u></b>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Approvals**

\_\_\_\_\_  
PHENIX S E & I      Date

\_\_\_\_\_  
Cognizant Scientist/Engineer      Date  
/Activity Manager

\_\_\_\_\_  
PHENIX QA/Safety      Date

\_\_\_\_\_  
RHIC ES&H      Date

REVISION CONTROL SHEET

LETTER	DESCRIPTION	DATE	AUTHOR	APPROVED BY	CURRENT OVERSIGHT
A	First Issue (From an uncontrolled procedure by R. Pisani dated 2/22/02) To be rewritten in appropriate format for next revision.	3/30/2007	R. Pisani	<DRAFT>	R. Pisani

**PROCEDURE FOR DISCONNECTING AND RECONNECTING GAS**  
**LINES**  
**FROM MMS**

1. TURN OFF ALL GAS SUPPLIES AT MIXING HOUSE FEEDING THE MUON MAGNET SOUTH. THIS WILL INCLUDE THE SUPPLY TO THE MUON TRACKING CHAMBERS AND COMPRESSED AIR LINES
2. CHECK ALL PRESSURES AT THE MAGNET TO BE SURE THEY ARE AT OR NEAR ZERO PRIOR TO DICONNECTING THE GAS LINES ON THE WEST SIDE.
3. DISCONNECT ALL GAS LINES FEEDING THE MUON MAGNET SOUTH AT THE SOUTH END WHERE THEY ATTACH. SOME ARE THE “K-LOK” TYPE, SOME ARE THE “SNAP TIGHT” TYPE, AND SOME ARE THE FLARE FITTING TYPE.
4. AFTER ALL LINES ARE OFF, “CAP” BOTH THE HOSES AND THE CARRIAGE SIDES USING ALUMINUM FOIL TO KEEP CONTAMINENTS OUT.
5. “CRIB” UP THE ROLLING HOSE TRACK TO PREVENT IT FROM FALLING DOWN TOO FAST WHEN DISCONNECTED FROM MAGNET.
6. DISCONNECT HOSE TRACK BY REMOVING THE BOLTS UNDER THE MAGNET THAT HOLD IT UP.
7. CAREFULLY LOWER THE HOSE TRACK AND HOSES DOWN BETWEEN THE MAGNET TRACKS FOR STORAGE DURING SHUTDOWN.
8. TO RECONNECT GAS TO CARRIAGE, FOLLOW THESE STEPS IN REVERSE ORDER.

RP

2/22/02